



ISOLMIX RASANTE 415 W ISO43



ITEM SPECIFICATIONS

Very fine-grained, high hydrophobic, powder skim coat for low thick smoothing and finishing, ideal for use as a substrate of paints and varnishes, even outdoor, based on cement, mineral filler, resins and additives, class GP CSIV W2.

TECHNICAL CHARACTERISTICS

HIGHLY HYDROPHOBIC

ISOLMIX RASANTE 415 W is a very fine-grained skim coat, to be applied with the spatula. It can be used as a substrate or as a finish because it has exceptional protecting features of structures; ideal for internal and external use on walls subject to flying water and adverse exposure. Its high level of hydrophobicity makes ISOLMIX RASANTE 415 W an ideal undercoat for paints because it does not subtract water fast.

WORKABILITY

Its creamy and light consistency lasts long enough to allow the joints to be easily floated, as well as allowing to use calmly all the material mixed.

DURABILITY AND GOOD ADHESION

ISOLMIX RASANTE 415 W is a finishing with a high content of binders and polymers. This gives it an excellent resistance to atmospheric agents and, therefore, a high adhesion and a high continuity with the substrate and an excellent durability.

MECHANICAL RESISTANCE

ISOLMIX RASANTE 415 W is a fine-grained skim coat for universal uses with good mechanical resistance to abrasion, washout and impact. Those features allow to use it both as a substrate and as uncolored finish.

THE PRODUCT



FOR INDOOR
& OUTDOOR
WALLS



PACKS OF
25 KG



CEMENT
BASED



PACKS OF
20 KG



TO BE APPLIED
AT TEMPERATURE
FROM 5°C TO 35°C



PACKS OF
14 KG



IMPALPABLE
GRAIN SIZE



PACKS OF
10 KG



HYDROPHOBIC



MECHANICAL
MIXING



WHITE
AVAILABLE



TO BE APPLIED
WITH IRON TROWEL



USE PERSONAL
PROTECTIVE
EQUIPMENT

* available on request

- very fine grained & low thick
- water-repellent
- good workability
- on cementitious substrate
- for smoothing before application of paints, varnishes and stuccoes
- for indoor & outdoor

AREAS OF APPLICATION

INTERVENTIONS

It allows to consolidate the base coat to extend the life of the finish.

Great for rendering indoors and outdoors, for civil and commercial use. Ideal for street furniture and heavy traffic areas. Resistant to thermal shocks. Frost-proof.

SUBSTRATES

- cement-based renders & plasters
- lime-based renders & plasters
- on aerated concrete and cementitious blocks
- hybrid mortar
- fiber-cement panels

DO NOT USE

- on gypsum-based plaster if non treated before with EMULSIONMIX
- on glazed tiles, resin or cement-based tiles, cementitious waterproofing, flexible substrates, metal surfaces
- on rubber, PVC, wood, linoleum, insulating film, not cementitious waterproofing membranes
- with natural stones subject to movements in the presence of dampness, substrates subject to continuous rising damp
- for swimming pools, cold rooms and for overlaying
- as waterproofing or on exclusive NX systems
- in case of strong wind or rain at the moment of application

LAYING

SUBSTRATE SMOOTHING: APPLICATION WITH IRON/SPONGE TROWEL

Spread a thin coat with an iron trowel. When it is dried (the next day), apply a second thin coat. When it began to harden (ie, when it is no longer soft to the touch) begin to float with a sponge trowel, preferably without wetting. Or if the treatment requires it, wet it with a light spray of water using a brush.

Never immerse the trowel into the bucket. It is advisable to leave the material stand about 15 minutes before use, to float only when it starts to harden and to wet evenly for not leaving marks. In case you want to float the material while it is still soft, wipe lightly with the trowel after the material begins to dry.



COMPLY WITH THE STANDARD

EN 998-1 GP CSIV W2

INDICATIVE DATA OF THE PRODUCT

Color/consistency: grey or white/powder

Solid content %: 100

Bulk density kg/l: approx. 1,275

Hazard classification according to 1999/45/EC: irritant
important to carefully read the instructions contained in this form, on pack and on Safety Data Sheet

Storage: 12 months in dry and ventilated environment

Packaging: 25 kg

Custom code: 3824 50 90

VALUES OF THE FINAL PERFORMANCE

Compression strength after 28 days (EN 1015-11): > 20 N/mm²

Flexural strength after 28 days (EN 1015-11): > 5 N/mm²

Initial adhesion after 28 days (EN 1015-12): > 0,5 N/mm²

Water absorption coefficient due to capillary action
(EN 1015-18) Kg/m².min^{0,5}: ≤ 0,2

Heat conductivity (W/m*K) (EN 1745): 0,84

Water vapour permeability (μ) (EN 1745): 15/35

Reaction to fire: A1

VALUES AND APPLICATIVE INFORMATION (AT 23°C AND 50% R.H.)

Water used for mixing: add ≈ 40% of water on a part of ISOLMIX RASANTE 415 W

Pot life: ≈ 1 hour

Consumption: 1,6 kg/m² per mm of thickness

Thickness: from 1 to 2 mm

Complementary products: EMULSIONMIX

Application temperature: + 5°C /+ 35° C

Start setting time: ≈ 3 hours

End setting time: ≈ 7 hours

WARNING

The requirements and the guidelines herein are to be considered purely indicative and corresponding to our everyday best experience. We therefore recommend carrying out the tests in order to verify that the product corresponds to what is actually required and expected. We, as producers, do not assume any responsibility about how, when and where our products are applied except for the constant quality of the material.